(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 27 January 2005 (27.01.2005)

PCT

(10) International Publication Number WO 2005/007691 A2

- (51) International Patent Classification⁷: C07K 14/44,
 C12N 15/30, Λ61K 39/018, G01N 33/569, C07K 16/20,
 C12N 15/10
- (21) International Application Number:

PCT/US2004/022605

(22) International Filing Date: 14 July

14 July 2004 (14.07.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/486,750

14 July 2003 (14.07.2003) US

- (71) Applicant (for all designated States except US): INTERNATIONAL LIVESTOCK RESEARCH INSTITUTE [KE/KE]; P.O. Box 30709, 00100 Nairobi (KE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): TARACHA, Evans [—/KE]; Riara Villas, Riara Road, Lavington, Nairobi (KE). GLEW, Jane [—/KE]; Nairobi (KE). GRAHAM, Simon [—/KE]; Nairobi (KE). MWANGI, Duncan [—/KE]; Nairobi (KE). HONDA, Yoshikazu [—/KE]; Nairobi (KE). PELLE, Roger [—/KE]; Nairobi (KE). TONUKARI, John [—/KE]; Nairobi (KE). YAMAGE, Matasuke [—/KE]; Nairobi. NENE, Vishvanath [GB/US]; 11601 Milbern Drive, Potomac, MD 20854 (US).

- (74) Agents: AXELROD, Nancy, J. et al.; VENABLE LLP, P.O. Box 34385, Washington, DC 20043-9998 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

